



CTAVE

Oxygenated Compounds in the Tropical
Atmosphere : Variability and Exchanges

<http://octave.aeronomie.be>



2nd Annual OCTAVE Progress Meeting

&

Intensive Field Campaign Workshop

16-17 May 2019

Royal Belgian Institute for Space Aeronomy, BIRA-IASB
Avenue Circulaire 3, B-1180, Brussels

Meeting Room : Nicolet 1 & 2

The easiest way through the city to reach us

From the Central Station

Bus 38 (direction *HEROS*) : stop at *HOUZEAU*, walk up the *Avenue Houzeau* street to the *Observatory/Space Pole* (7 minutes walk), enter the *Space Pole*, ask at the reception about the location of BIRA-IASB, enter the BIRA-IASB building, the meeting room is on the left.

From Brussels-Airport

Direct trains run every 15 minutes between the airport and the Central Station.

From Hotel Brussels

Bus 60 (direction *UCCLE CALEVOET*) : stop at *OBSERVATOIRE*, cross the street, enter the *Observatory/Space Pole*, ask at the reception about the location of BIRA-IASB, enter the BIRA-IASB building, the meeting room is on the left.

See <http://www.aeronomie.be/en/contact/itinerary.htm> for more details

List of participants

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* Member of OCTAVE follow-up committee

** Invited

^r Remote connection (remote connection information is provided by e-mail)

Agenda

Thursday 16 May

9:15-9:30	Welcome	
9:30-9:45	Overview and progress during OCTAVE 2 nd year	Jenny Stavrakou
9:45-9:50	Research activities in the PLECO group	Miguel Portillo-Estrada
9:50-10:20	The OCTAVE 2018 intensive field campaign : Atmospheric transport during the campaign and impact on Maïdo measurements	Jérôme Brioude (to be presented by Jenny Stavrakou)
10:20-10:50	Formaldehyde sources from measurements in Maïdo Observatory	Manon Rocco
10:50-11:10 : <i>Coffee Break</i>		
11:10-11:20	 <i>Reunion 2018 : the OCTAVE campaign</i>	
11:20-11:50	Contribution of marine sources to organic aerosols at Maïdo based on their stable isotopic and molecular characterization	Yuzo Miyazaki
11:50-12:20	Iodic acid and new particle formation observed at Maïdo	Matti Rissanen
12:20-12:50	18 months of PTR-MS measurements at Maïdo	Bert Verreyken
13:00-14:15 : <i>Lunch break</i>		
14:30-15:00	Nucleating agents in Maïdo	Siddharth Iyer
15:00-15:30	Field evidence for novel interfacial chemistry in the remote tropical free troposphere	Rainer Volkamer
15:30-16:00	A general framework for global OVOC retrievals from IASI	Bruno Franco
16:00-16:15 : <i>Coffee break</i>		
16:15-16:45	Primary vs. secondary sources of formic acid	Dylan Millet
16:45-17:15	Interfacial photochemistry at the ocean surface : a global source of organic vapors and aerosols	Martin Brüggemann
17:15-17:45	The global methanol budget revisited based on IASI constraints	Jenny Stavrakou
19:15 : <i>Dinner</i>		

Friday 17 May

9:30-10:00	Stratospheric ozone and NO₂, and halogen/SO₂ by MAX-DOAS during the IOP	Ted Koenig & Chris Lee
10:00-10:15	Progress on mercury measurements in Maïdo Observatory	Olivier Magand
10:15-10:45	Glyoxal in the free troposphere : in situ measurements and air mass assignment at Maïdo Observatory	Henning Finkenzeller
10:45-11:00	FTIR measurements at Reunion Island	Corinne Vigouroux
11:00-11:15 : <i>Coffee Break</i>		
11:15-11:45	Evaluation of WRF-Chem model against Reunion measurements	Jean-François Müller
11:45-12:15	Turbulent scheme in the FLEXPART-AROME Lagrangian particle dispersion model	Bert Verreyken
12:15-12:45	Formic and acetic acid : emission sources and seasonal cycles	Bruno Franco
13:00-14:15 : <i>Lunch break</i>		
14:30-14:40	Plans for the 3rd year of the OCTAVE project	Jenny Stavrakou
14:40-15:00	Paper plan for the OCTAVE field campaign	All
15:00 : <i>End of Workshop</i>		